

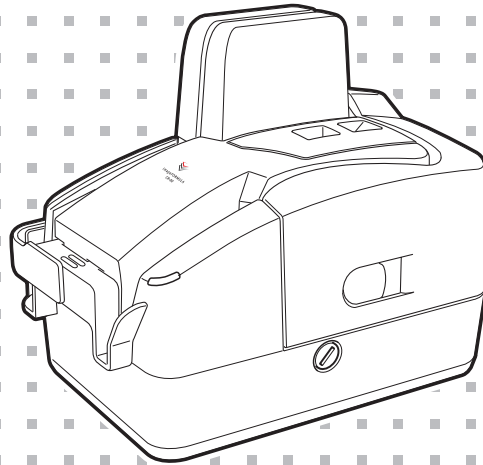


imageFORMULA

CR-50

CR-80

Operation & Maintenance Guide



◆ **Please read this manual before operating this scanner.**

■ FCC REGULATIONS (For 120V model)

Check Reader, Model M111101/M111102

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.

One Canon Plaza, Lake Success NY 11042, U.S.A.

Tel. No. (516)328-5000

■ RADIO INTERFERENCE REGULATIONS (For 120V models)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

■ RÈGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE (For 120V models)

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

■ International ENERGY STAR® Office Equipment Program

As an ENERGY STAR® Partner, CANON ELECTRONICS INC. has determined that this machine meets the ENERGY STAR® Program guidelines for energy efficiency.

The International ENERGY STAR® Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment.

The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment, such as computers, monitors, printers, fax, machine, copiers, and scanners. The standards and logos are uniform among participating nations.



Important Notice for ENERGY STAR Office Equipment Program.

This model doesn't provide "setting options" for power management.

■ European Union (and EEA) only.



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/environment. (EEA: Norway, Iceland and Liechtenstein)

■ Für EMVG

Dieses Produkt ist zum Gebrauch im Wohnbereich, Geschäfts- und Gewerbebereich sowie in Kleinbetrieben vorgesehen.

■ Model Names

The following names may be provided for the safety regulations in each sales region of the Check Reader.

CR-50: Model M111101

CR-80: Model M111102

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IF YOU INTEND TO DISCARD THE ORIGINALS OF THE SCANNED DOCUMENTS, YOU ARE RESPONSIBLE FOR INSPECTING THE SCANNED IMAGES AND VERIFYING THAT THE DATA IS INTACT.

THE MAXIMUM LIABILITY OF CANON ELECTRONICS INC. UNDER THIS WARRANTY IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT COVERED BY THE WARRANTY.

INTRODUCTION

Thank you for purchasing the Canon Check Reader CR-50/80. Please read this manual thoroughly before using the machine in order to familiarize yourself with its capabilities, and to make the most of its many functions.

Manuals for the CR-50/80

The following manuals are provided with the CR-50/80. Be sure to read these manuals thoroughly before using the scanner. (The Installation Guide and the Operation & Maintenance Guide are extracted from the Instructions.) Electronic manual is stored as a PDF file on the supplied Setup Disc and requires Adobe Reader to open. (You can download Adobe Reader from the Adobe Web site.)

Installation Guide (Supplied with the scanner/Electronic Manual)

Describes the procedure for setting up the CR-50/80 for scanning. Set up the CR-50/80 in accordance with the Installation Guide. For details on the CR-50/80, refer to the *Instructions* (electronic manual).

Operation & Maintenance Guide (Supplied with the scanner/Electronic Manual): This Manual

Describes the basic operations for using the CR-50/80, troubleshooting, and maintenance. For details on the settings of the CR-50/80, refer to the *Instructions* (electronic manual).

Instructions (Electronic Manual)

Describes how to use the scanner, and includes instructions for configuring the scanner settings, as well as handling, maintenance, and troubleshooting information.

Symbols Used in This Manual

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.

WARNING

Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. To use the machine safely, always pay attention to these warnings.

CAUTION

Indicates a caution concerning operations that may lead to injury to persons, or damage to property if not performed correctly. To use the machine safely, always pay attention to these cautions.

IMPORTANT

Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the machine correctly, and avoid damaging the machine.

NOTE

Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

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Document Feeding and Scanning

This chapter describes precautions regarding documents that can be handled on this scanner and scanning operations.

Documents

This section describes the types of documents that can be used and how to place them.

CAUTION

Treat the documents carefully. The paper edges may cut your fingers.

Document

The CR-50/80 can feed a wide variety of document sizes. The ranges of height and length for a document are:

Height : 50 to 108 mm (2.0" to 4.3")

Length : 80 to 228 mm (3.1" to 9.0")

Thickness : 0.08 to 0.20 mm (0.003" to 0.008")

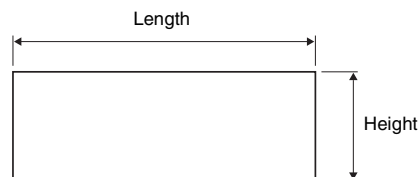
0.10 to 0.14 mm (0.004" to 0.006") with Double Feed

Detection enabled

Weight : 64 to 157 g/m² (17 to 40 lb bond)

81 to 105 g/m² (21.5 to 26.8 lb bond) with Double Feed

Detection enabled



Follow these guidelines when you prepare a document for scanning:

- Before scanning documents that contain pasted artwork, make sure that the ink or paste is thoroughly dry. If the documents are scanned with wet ink or paste, the inside of the scanner may become dirty and it may cause a malfunction.

- If you scan a document written in pencil, the letters may not be scanned properly or the pencil may rub off onto the rollers and stain subsequent documents. Before you scan this kind of document, make a copy, and then scan the copy. After scanning a document written in pencil or some other soft writing material, be sure to clean the scanning rollers. (See "Cleaning the Scanning Glass and Rollers" on p. 13.)
- If you scan thin paper in the Duplex mode, the ink printed on the back side may be scanned. If this happens, adjust the scanning density.
- Scanning documents with a rough surface may not feed easily, and may cause friction between the documents, resulting in a feeding error. If this happens, feed the documents one by one.
- To avoid paper jams, damage to documents, and a scanner malfunction, do not feed the following types of paper into the scanner. If you want to scan these types of paper, first make a copy, and then scan the copy.



Wrinkled or creased paper



Carbon backed paper



Curled paper



Coated paper or fax recording paper



Torn paper



Extremely thin paper



Paper with clips or staples



Paper with binding holes

NOTE

- Note that mixing documents of different thickness may cause a malfunction during feeding.
- Curled, wrinkled, or folded documents may cause an error. If this happens, straighten out the curls, or reduce the number of documents loaded.

Placing Documents

Note the following points when placing documents on the scanner.

- **Place the front of the document toward you.**
- **A maximum of 50 documents or a document stack no higher than 5 mm (0.2") can be loaded at one time.**
- **Move the stopper to the edge of the document in the document tray in accordance with the document. Otherwise, this may cause a paper eject error.**
- **When scanning multiple documents, sort them into batches of uniform paper quality and thickness and load each batch separately. Note that loading mixed batches may cause paper jams.**
- **When scanning relatively thick (0.15 mm to 0.2 mm (0.005" to 0.008")) documents, the feeding process may cause the document to curl and cause paper jams at the document feed opening. For such documents, load no more than 10 sheets at one time.**

! IMPORTANT

Align the documents and set the bottom of the documents level in the document tray.

Document Feeding and Scanning

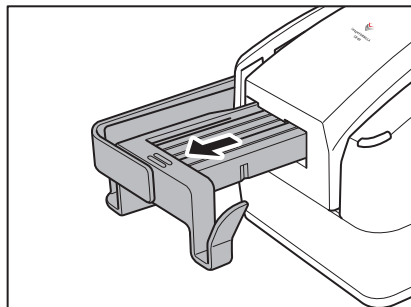
This section describes how to load and scan documents.

⚠ CAUTION

- **Avoid wearing loose fitting clothing, dangling jewelry, long ties, or long hair that could become entangled with moving parts, especially the rollers that feed paper through the scanner. If such objects become entangled, immediately disconnect the power plug from the power outlet.**
- **Check the paper stack and remove all clips, staples, pins, or any other type of metal or plastic fastener. These objects may cause damage to the document, a paper jam, or a scanner malfunction.**
- **Do not touch documents that are being fed under any circumstances. The documents that are being fed may cut your hand.**

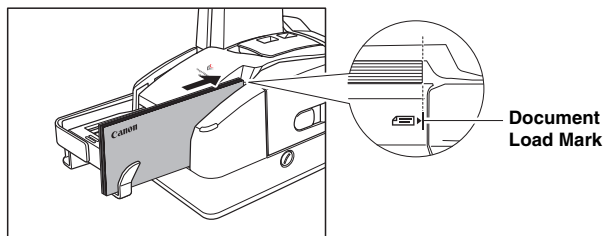
Scan Procedure

-
- 1 Pull out the document feed tray.**

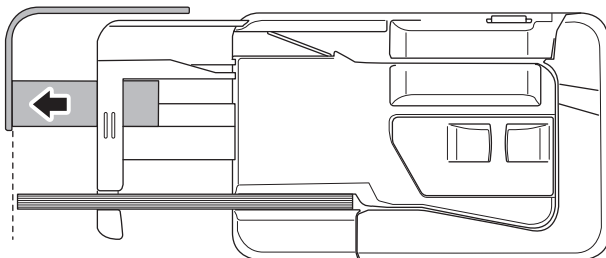


-
- 2 Carefully align the edges of the document.**

-
- 3** Load the documents with their front sides facing right and with their edges flush against the document load mark.



-
- 4** Adjust the Eject Stopper in accordance with the document.



-
- 5** Instruct scanning to start from the software application.



NOTE

When Using the Accompanying Scanning Utility for CR-50/80: There are three scanning methods as follows. Follow the each instruction.

Scan 1 page

Click [Scan Page] from the [File] menu.

Scan Batch to File

- ① Click [Scan Batch to File] from the [File] menu.
- ② Input the File name, and then click [Save].
- ③ Select Simplex or Duplex, and then click [Start Scanning].

Scan Batch to Printer

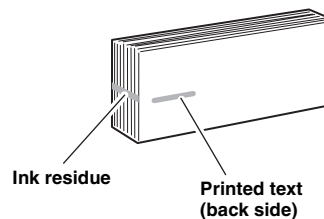
- ① Click [Scan Batch to Printer] from the [File] menu.
- ② Select Simplex or Duplex, and then click [Start Scanning].

-
- 6** Scanning starts.



NOTE

When printing with the imprinter, ink may get on the leading edge of the document because the documents are ejected onto the printed surface.



Troubleshooting

This chapter describes the problems that might occur in the CR-50/80, and how to remedy them.

When the Scanner Is Not Recognized

The following causes and remedies describe why your computer may not recognize the scanner.

- | | |
|--------------|--|
| Cause | The Scanning Utility is not installed. |
| Remedy | Install the Scanning Utility before connecting the scanner to the computer. (See "Setting Up the Scanner," on p. 17 in Instructions.) |
| Cause | The scanner is not correctly connected to the computer. |
| Remedy | Connect the scanner to the computer correctly. (See "Connecting the Scanner to a Computer," on p. 21 in Instructions.) |
| Cause | The USB interface provided as standard with your computer is not compatible with the scanner. |
| Remedy | Not all USB interfaces provided as standard with personal computers are guaranteed. Contact your local authorized Canon dealer for more detailed information. (See "Checking Your Operating Environment," on p. 18 in Instructions.) |
| Cause | USB cable is not compatible with the scanner. |
| Remedy | Use the USB cable provided with the scanner. (See "Checking Your Operating Environment," on p. 18 in Instructions.) |
| Cause | USB hub is not compatible with the scanner. |
| Remedy | Remove the USB hub to use the scanner. (See "Checking Your Operating Environment," on p. 18 in Instructions.) |

Clearing Paper Jams

If paper has jammed, open the Maintenance Cover and remove the jammed paper.

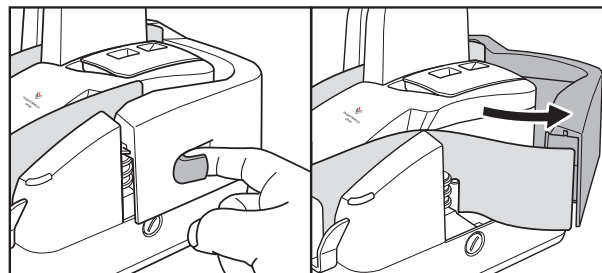
! IMPORTANT

Do not attempt to pull the jammed paper upwards or backwards against the feeding direction. Doing so can damage the internal parts of the scanner.

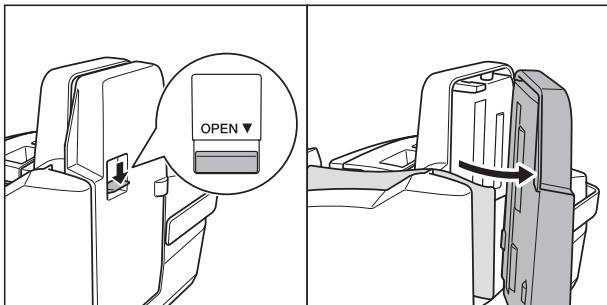
! CAUTION

- Be careful when you clear a paper jam. You may be injured unexpectedly. For example, the paper edges may cut your fingers, or the document may be damaged.
- Remove all jammed sheets of paper. Paper scraps left inside the scanner may cause a paper jam or malfunction.

-
- 1 Hook your finger around the open lever and open the Maintenance Cover.**

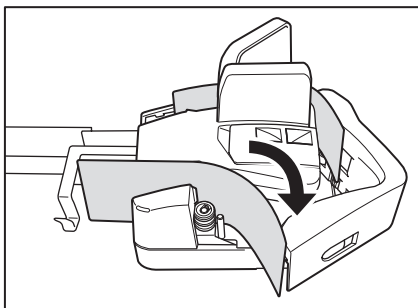


-
- 2** While lowering the down the **OPEN** lever, open the reading unit.

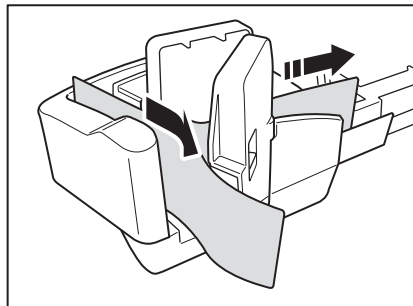


-
- 3** Remove the paper that has jammed.

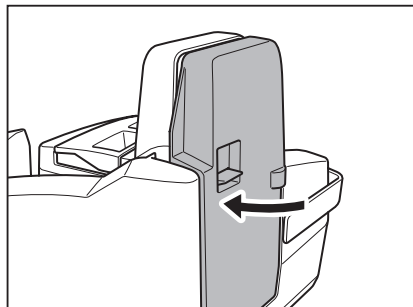
If the paper is jammed at the pickup area: Pull the paper forward and clear the jam from the Maintenance Cover.



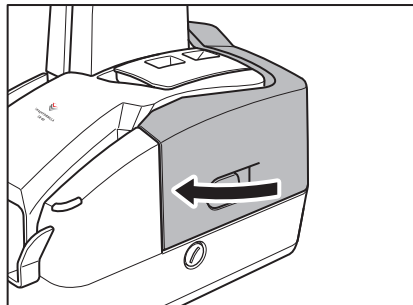
If the paper is jammed at any other area: Pull the paper forward and clear the jam from the nearest opening.



-
- 4** Gently close the reading unit until it clicks into place.



-
- 5** Gently close the Maintenance Cover until it clicks into place.



The Scanner Does Not Turn ON

Check the following conditions, and take the appropriate action.

The power switch is not in the ON position.

Turn the switch into the ON position. (See "Turning ON the Power" on p. 14 in Installation Guide.)

The power cord is not connected into a power outlet.

Connect the power cord into a power outlet. (See "Connecting the Power Cord" on p. 14 in Installation Guide.)

Feeding Trouble

If the document is not fed properly or the detection functions do not work properly, remedy the problem by checking the following conditions.

Condition A paper jam has occurred.

Cause and
Remedy

- Check to make sure that the size and thickness of the document are within the supported range of the scanner, and if the quality of the paper is appropriate. For cautions on handling documents, see "Documents" on p. 6.
- Documents with rough surfaces may cause a paper feed error to occur.
- Dirty or worn rollers inside the scanner may cause a paper jam.
Clean the rollers if they are dirty. (See "Cleaning the Scanning Glass and Rollers" on p. 13.) Worn rollers must be replaced. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- The Separation Roller gap is too wide. Adjust the Separation Roller gap. (See "Adjusting the Separation Roller Gap" on p. 21.)

Condition A double feed error often occurs.

Cause and
Remedy

A double feed error may occur when documents with different thicknesses are mixed.
If the above-mentioned method is not effective or you are using the CR-50/80 scanner, adjust the Separation Roller gap. (See "Adjusting the Separation Roller Gap" on p. 21.)

Condition	MICR characters are not recognized correctly.
Cause and Remedy	<ul style="list-style-type: none"> • The scanner cannot correctly read MICR characters if the magnetic heads are dirty. Clean the MICR magnetic heads. (See “Cleaning the Magnetic Heads” on p. 15.) • If MICR characters cannot be recognized correctly after cleaning the heads, the MICR heads may be worn. Contact your local authorized Canon dealer or service representative to have the scanner serviced. • The MICR text is on the back of the document. Load the side with the MICR characters face up in the document tray.
Other Causes	<ul style="list-style-type: none"> • Some of the MICR characters are scratched or missing. Splattered MICR ink or toner may also be the problem.
Condition	The imprinter is not printing correctly (missing imprint dots).
Cause and Remedy	Ink is clogged in the ink jet nozzle. Clean the ink jet nozzle. Cleaning the ink jet nozzle is recommended before using the CR-50/80. (See “Cleaning the Ink Jet Nozzles” on p. 16.)
Other Causes	The ink cartridge may be empty.
Condition	Documents get dirty when using the imprinter.
Cause and Remedy	Ink from the imprinter has been placed on the feed path. Clean the ink off the feed path. (See “Cleaning the Ink Jet Nozzles” on p. 16 and “Cleaning the Inside of the Scanner” on p. 13.)

When the Scanned Image Is Not Normal

If there is a problem with the scanned image (the image is not sharp or stripes appear), one of the following conditions may be a probable cause. Check the following conditions, and take the appropriate action.

The scanning glass or rollers are dirty.

If the scanning glass or rollers are dirty, the dirt will appear on the scanned image.

► Clean the scanning glass and rollers. For details, see “Cleaning the Scanning Glass and Rollers” on p. 13.

The scan conditions are inappropriate.

If the scan conditions are inappropriate, the scanned image will not be sharp or will appear as dark.

► Check the brightness and other scanner settings.

If the scanned image is blurry or the document has not been scanned at all, the brightness may be set too high. If the scanned image appears dark, the brightness may be set too low.

Also, check the settings on the driver and the software application.

The driver or application does not run correctly.

If the document cannot be scanned correctly even if the scan conditions are adjusted, the driver or the application may not be functioning correctly.

► Reinstall the driver or application.

For details on how to install the driver, see “Installing the Software,” on p. 19 in Instructions.

For details on how to install the application, see the applications instruction manual.

Other Causes

Even if the computer may be recognizing the scanner correctly, and the driver and the application is installed correctly, scanning may not be performed correctly. If this happens, the interface card is not compatible. Use the recommended interface card.

If the above remedies do not rectify the problem, contact your local authorized Canon dealer or service representative to have the scanner serviced.

Maintenance

This chapter describes how to clean and maintain the scanner.

Daily Cleaning

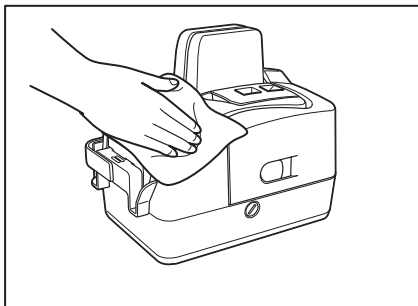
To ensure high-quality image scanning, regularly clean your CR-50/80 as described below.

⚠ CAUTION

- Before you clean the scanner, turn OFF the scanner and computer, and disconnect the power cord from the power outlet. Otherwise, it may cause an electrical shock.
- Never clean the scanner with any kind of organic solvent, such as alcohol, benzene, or paint thinner. This may cause a fire and electrical shock, or cause the exterior of the scanner to disfigure or discolor.
- Never spray mild detergent or water directly on the scanning glass. The spray could penetrate below the glass and contaminate the internal light source and lenses.

Cleaning the Main Unit

Wipe the scanner with a firmly wrung cloth, moistened slightly with water or mild detergent. Then, wipe off with a clean, dry cloth.



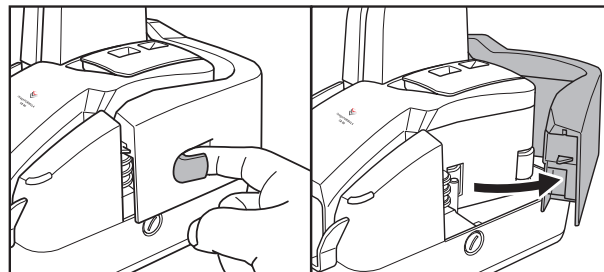
Cleaning the Inside of the Scanner

Dust or paper particles inside the scanner can cause lines in scanned images. Use compressed air for regular cleaning of dust and paper particles from inside the scanner. After finishing a large scanning job, you should turn OFF the scanner and then clean off any paper particles that are remaining.

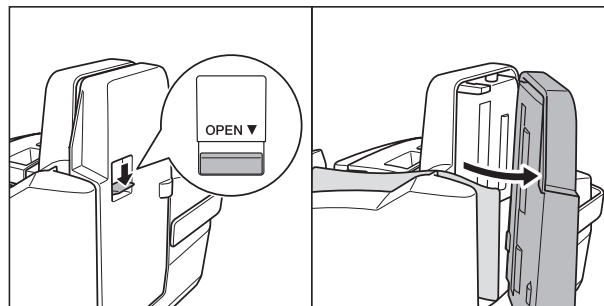
Cleaning the Scanning Glass and Rollers

If stripes appear on scanned images or if dirt appears on scanned documents, clean the scanning glass and rollers. Clean the scanning glass and rollers regularly.

- 1 Hook your finger around the open lever and open the Maintenance Cover.



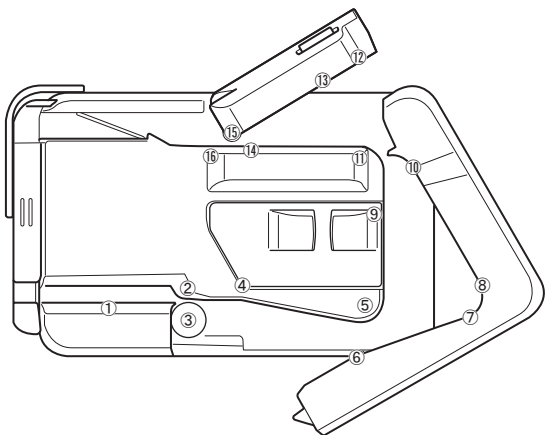
- 2 While lowering the open lever, open the reading unit.



⚠ WARNING

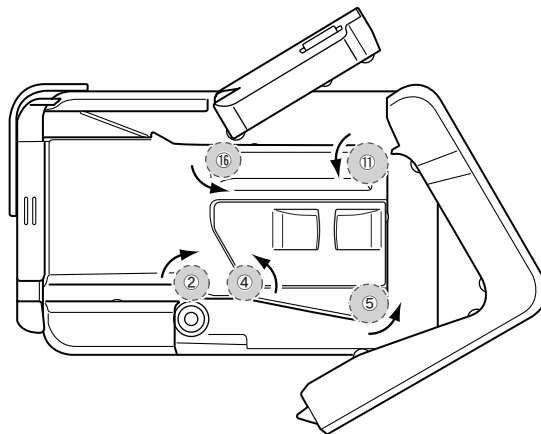
Do not use flammable liquids to clean the scanner, including alcohol, benzene, or paint thinner.

- 3 Spin the rollers while wiping them clean with a firmly wrung cloth dampened with water or a mild detergent.**
There are 18 roller positions, as shown in the diagram below.

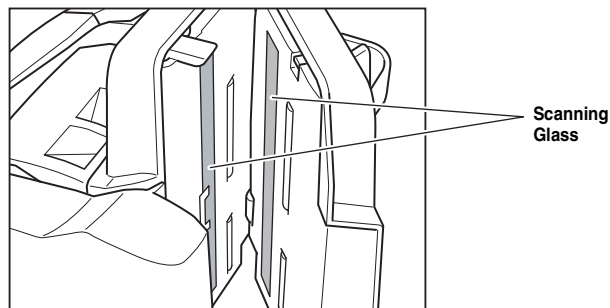


📄 NOTE

- Use cotton swabs to clean the rollers in locations that are too narrow for your fingers, such as ①, ②, ⑩, ⑭, ⑮, and ⑯.
- Rollers in positions ②, ④, ⑤, ⑪, and ⑯ are turned by the roller in position ⑤. Turn the roller in position ⑤ to wipe the rollers.
- Rollers in positions ⑬ and ⑭ comprise two rollers each, an upper roller and a lower roller.
- Do not force the rollers if they will not turn. In this case, wipe dirt only off of the exposed area.



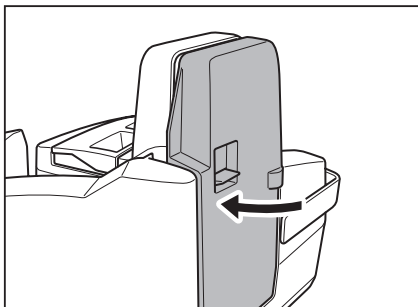
- 4 Use cotton swabs to clean the entire scanning glass. There are two scanning glass areas, one on each side. Use a cotton swab to wipe dirt from the entire surface of each.**



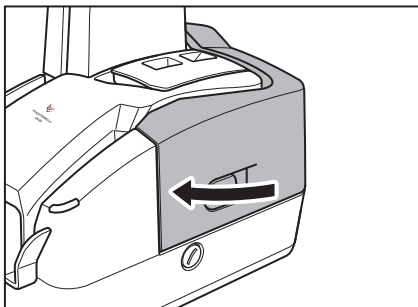
! IMPORTANT

Scratches on the scanning glass may cause marks on the images and could cause feeding errors. If there are scratches on the scanning glass, contact your local authorized Canon dealer or service representative.

- 5 Gently close the reading unit until it clicks into place.**



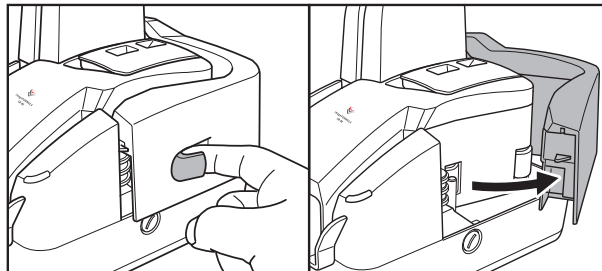
- 6 Gently close the Maintenance Cover until it clicks into place.**



Cleaning the Magnetic Heads

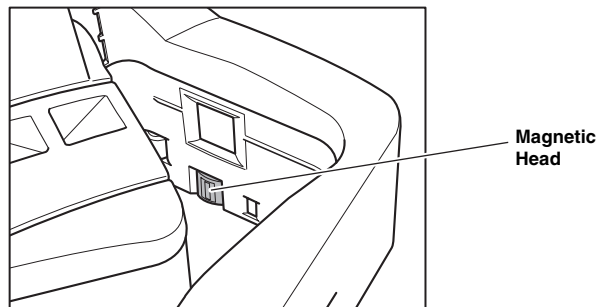
If the magnetic heads are dirty, then MICR characters cannot be scanned correctly. Periodically, clean the magnetic heads with a commercially available audio head cleaner.

- 1 Hook your finger around the open lever and open the Maintenance Cover.**

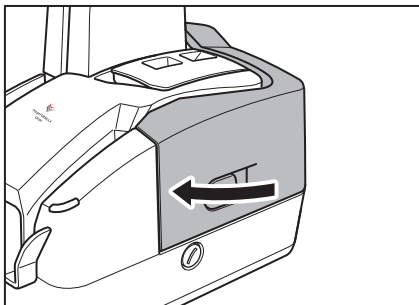


- 2 Use a commercially available audio head cleaner to clean the magnetic heads.**

The magnetic head is located in the position shown in the diagram below.



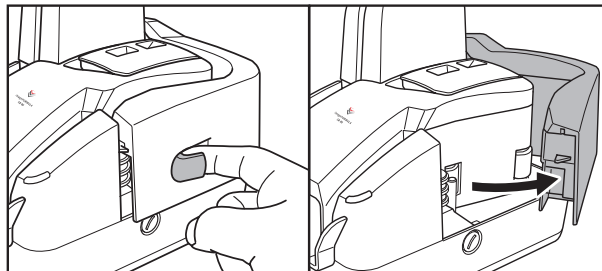
- 3** Gently close the Maintenance Cover until it clicks into place.



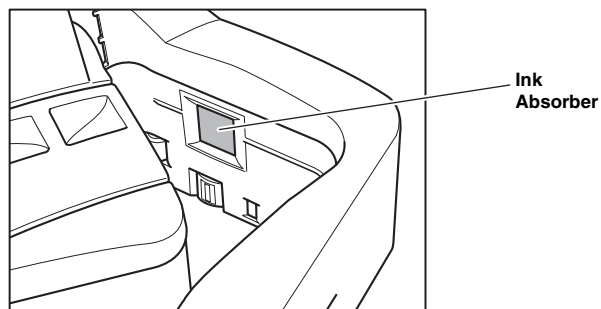
Cleaning the Ink Jet Nozzles

Ink that collects around the ink jet nozzles may stain your documents or cause the text to appear as scratched. Clean the area around the ink jet nozzles periodically. Cleaning the ink jet nozzles is also efficient action when the printed text becomes faint.

- 1** Hook your finger around the open lever and open the Maintenance Cover.



- 2** Dampen a cloth with water, wring the cloth out thoroughly, and then wipe off the dirt around the ink absorber.

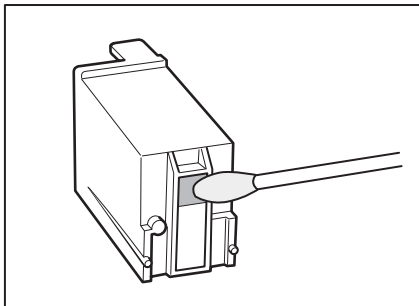


! IMPORTANT

If your documents are stained and smudged from printing even after you clean the ink absorber, you should replace the ink absorber. Contact your local authorized Canon dealer or service representative.

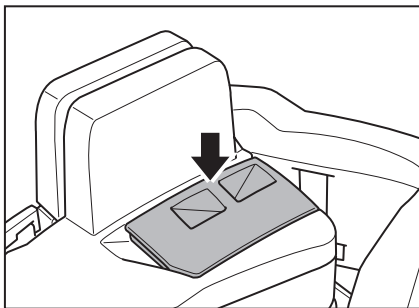
-
- 3 Remove the ink cartridge.**
For more information, see “Replacing the Ink Cartridge” on p. 18.

- 4 Use a dry cotton swab to wipe off any ink on the ink jet nozzle.**
If the text still appear faint after this operation, replace the ink cartridge (See “Replacing the Ink Cartridge” on p. 18.)

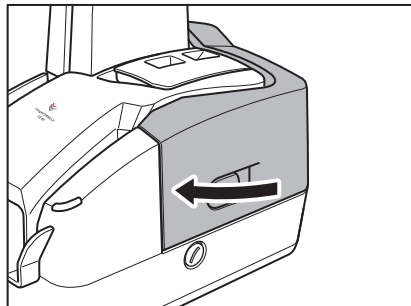


-
- 5 Set the ink cartridge.**
For more information, see “Replacing the Ink Cartridge” on p. 18.

-
- 6 Carefully replace the Imprinter Cover.**



-
- 7 Gently close the Maintenance Cover until it clicks into place.**



Maintenance

Make the following adjustments to maintain scanning quality.

Replacing the Ink Cartridge

The ink cartridge needs to be replaced if the printed text becomes scratchy or faint even if you have cleaned the ink jet nozzle.

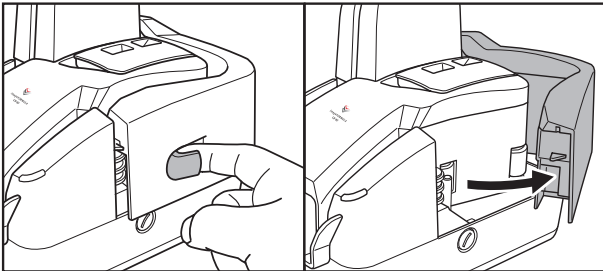
The ink cartridge is not included with the scanner. Purchase an ink cartridge separately, as shown below.

Manufacturer : Hewlett Packard
Ink Cartridge Blue : C6602B (Canon#3693A002)
Ink Cartridge Red : C6602R (Canon#3693A003)
Ink Cartridge Green: C6602G (Canon#3693A004)

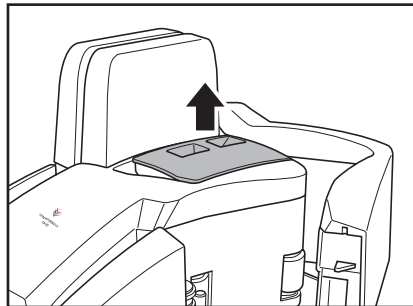
❗ IMPORTANT

- The ink disposal tank must be replaced when the ink cartridge is replaced.
- To replace the ink cartridge, turn the scanner OFF before removing the Maintenance Cover. After the ink cartridge is set, replace the Maintenance Cover, and then turn the scanner back ON.
- Finish up the unpacked ink cartridge as soon as possible. More frequent cleaning of the ink cartridge is required if long time elapses after unpacking.

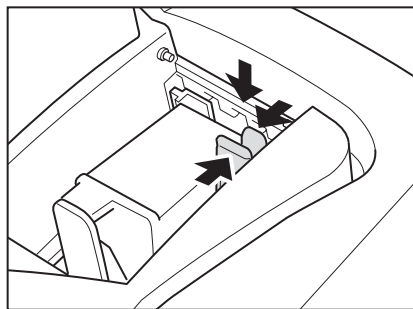
1 Hook your finger around the open lever and open the Maintenance Cover.



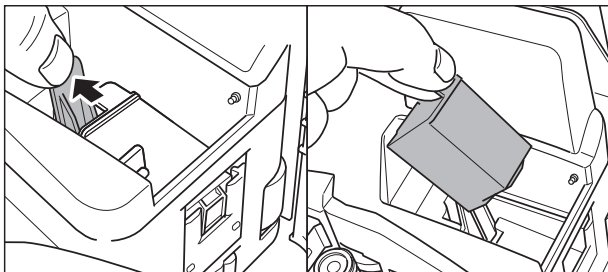
2 Remove the Imprinter Cover.



3 Squeeze in both sides of the print position adjustment lever and move the print cartridge carriage to its lowest position.



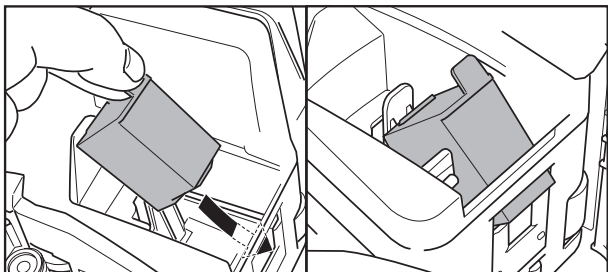
- 4** Push back the ink cartridge lock lever in the direction of the arrow in the diagram below, and pull out the ink cartridge by grasping the tab as shown in the diagram.



⚠ CAUTION

Do not touch the ink jet nozzle right after imprinting. The nozzle may be very hot.

- 5** Place the ink cartridge shown in the diagram below.



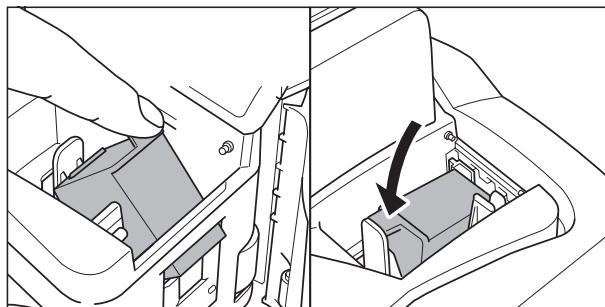
⚠ CAUTION

Do not touch the electrical contact on the carriage. Doing so may cause a malfunction.

📖 NOTE

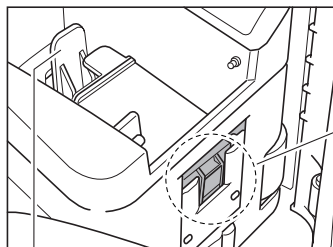
Do not use more than one cartridge by rotation. If you do so, applications cannot check the ink level precisely.

- 6** Push down the ink cartridge until it clicks into place.

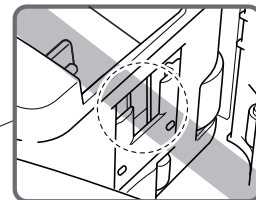


⚠ IMPORTANT

Make sure that the ink cartridge lock lever locks the ink cartridge into the correct position.

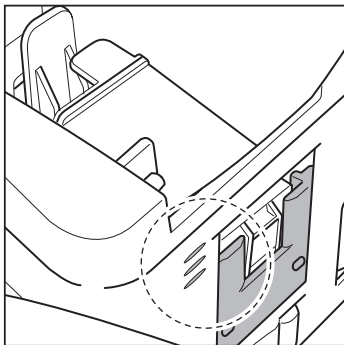


**Ink Cartridge
Lock Lever**



**If the cartridge does not
load properly, see step 7.**

- 7** Squeeze the Print Position Adjustment Lever and move it to adjust the print position.



Top:

50.5 mm (1.99") from the bottom edge of the document

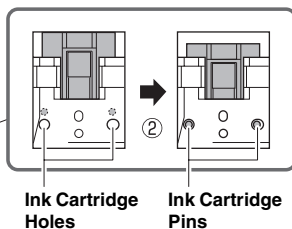
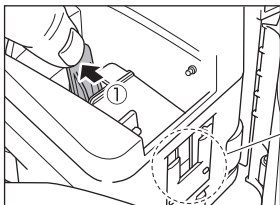
Middle:

47 mm (1.85") from the bottom edge of the document

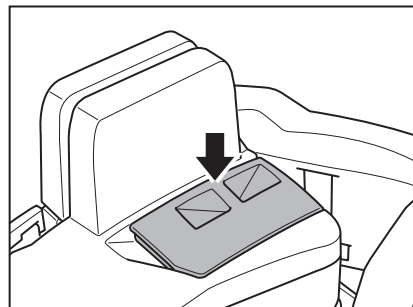
Bottom:

43.5 mm (1.71") from the bottom edge of the document

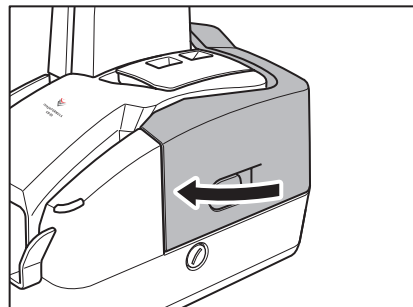
If the ink head drops back when installed, the two ink cartridge pins will not fit into the holes on the carriage. Push back the ink cartridge lock lever ① in the direction of the arrow and reset the cartridge in the correct position ②.



- 8** Carefully replace the Imprinter Cover.



- 9** Gently close the Maintenance Cover until it clicks into place.



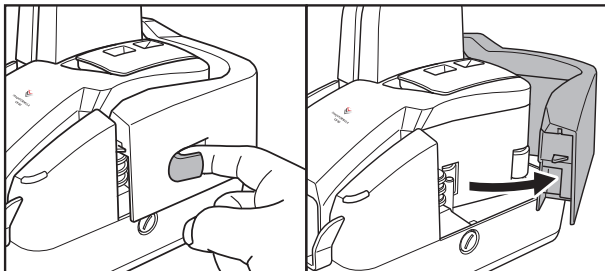
Adjusting the Separation Roller Gap

If double feed should occur too often, adjust the Separation Roller gap according to the following procedure.

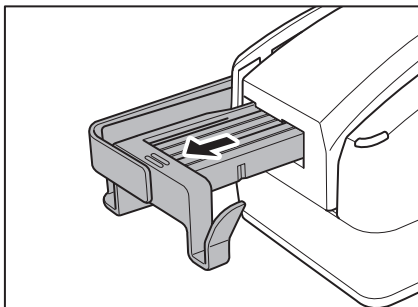
! IMPORTANT

- Make sure that the size, thickness, and weight of your document meets the conditions of this scanner. See "Documents" on p. 6.
- Your unit has been carefully adjusted to meet most conditions. However, the below adjustment may be needed depending on your environment (humidity, temperature, etc.) and the documents you are scanning (checks, etc.). Perform the adjustment only if necessary.

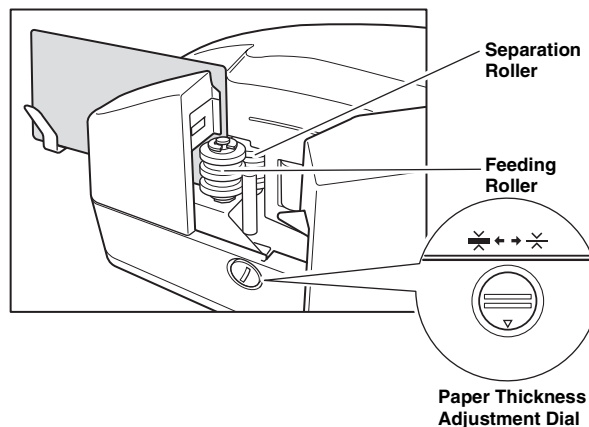
1 Hook your finger around the open lever and open the Maintenance Cover.



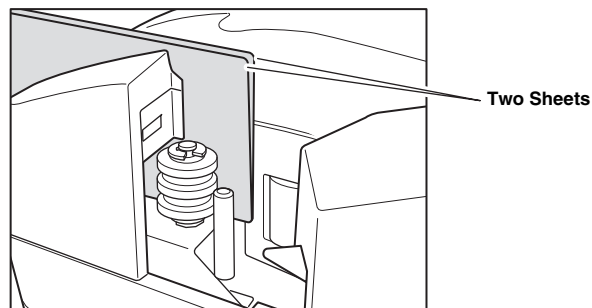
2 Pull out the document feed tray.



3 Load two checks or check-stock paper together.



4 Slide the two sheets through between the feeding roller and the separation roller and stop at the position shown below.



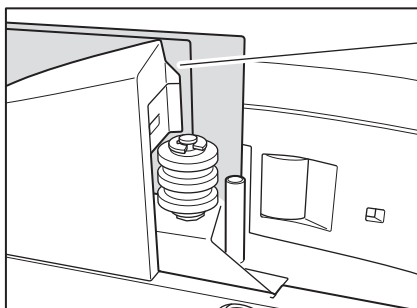
NOTE

If you were unable to slide both sheets through the gap between the rollers, turn the paper thickness adjustment dial counter-clockwise (left) until both sheets two pieces easily slide through the gap.

5 Gently remove one of the sheets.

6 Adjust the gap between the feeding roller and the separation roller to optimum width.

While one sheet remains in place between the rollers, continuously attempt to slide the second sheet (in front of the remaining sheet) to the right, back through the roller gap. Slowly turn the paper thickness adjustment dial clockwise (right) just until the second sheet stops feeding into the gap.



Second sheet
does not feed
into the gap.

! IMPORTANT

Turning the Adjustment Dial clockwise too much may damage the rollers.

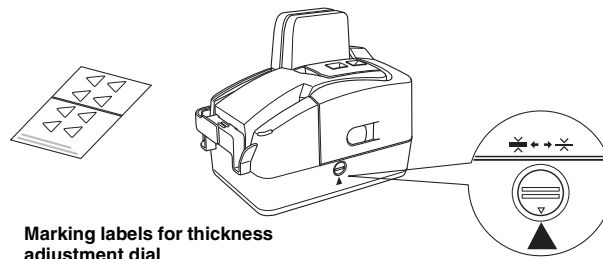
7 Remove the sheets from the paper path and close the Maintenance Cover.

8 Confirm that the document feeds properly.

See "Confirming Proper Document Feeding" on p. 37 in Instructions.

If additional assistance is required, contact your local authorized Canon dealer or service representative.

9 Place a marking label on the unit pointing to the adjustment dial as illustrated below. This will serve as a reference point for future adjustments if required.



Marking labels for thickness
adjustment dial

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